ABSTRACT

The present invention discloses a two-dimensional bar code system recognizable in bidirection having high information storage density and reliable locating capability and a recognition method thereof. In this two-dimensional bar code system, an encoding region consists of nodes arranged in a form of matrix, wherein an encoding information sequence is disposed sequentially on said nodes of said matrix in one recognition direction and in a reversible order, and comprises directional symbols, wherein said directional symbols are arranged at specific locations having bilateral symmetry in said encoding information sequence, and said direction in which said encoding information sequence is disposed on said node of said matrix is identified by a combination of said specific locations and values of said directional symbols.